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## PATENT ABSTRACTS OF JAPAN

(11)Publication number : **60-226826**(43)Date of publication of application : **12.11.1985**

(51)Int.CI.

**A61K 47/00****A61K 7/00****C01B 33/18**(21)Application number : **59-084818**(71)Applicant : **SHIONOGI & CO LTD**(22)Date of filing : **25.04.1984**(72)Inventor : **UNO IKUO****MAEDA KYUZO****NISHIYAMA TAKASHI**

### (54) SILICA CARRIER FOR DRUG

#### (57)Abstract:

**PURPOSE:** A silica carrier for drug useful as a carrier for drugs, cosmetics, etc., capable of suppressing decomposition of a main drug, etc. as much as possible, comprising finely-ground silicic acid hydrate wherein content of aluminum oxide shown by dry base except water is adjusted to  $\leq$  a specific value. **CONSTITUTION:** Finely-ground silicic acid hydrate having Al<sub>2</sub>O<sub>3</sub> content shown dry base except water of  $\leq$ 0.35wt%, preferably  $\leq$ 0.25wt% is used a carrier for drugs. It has been found that as an amount of Al<sub>2</sub>O<sub>3</sub> contained in silicic acid hydrate as the carrier is increased, decomposition of a chemical component such as a main drug, etc. supported on the silicic acid is promoted. It has been found that the maximum content of Al<sub>2</sub>O<sub>3</sub> in the carrier capable of suppressing decomposition of the main drug, etc. to a preferable range is  $\leq$ 0.35wt%. Further, in the case, the use of finely-ground silicic acid hydrate having  $\leq$ 3.5wt%, preferably  $\leq$ 3.0wt% ignition loss value is more effective.

#### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]